2010

Time : 3 hours

Full Marks : 80

Candidates are required to give their answers in their own words as far as practicable.

The figures in the margin indicate full marks.

Answer from both the Groups as directed.

Group – A

(Compulsory)

1. Choose the correct answer of the following :
   \[2 \times 10 = 20\]

(a) Microsoft Office 97 includes the following :
   (i) Word 97
   (ii) Outlook 97
   (iii) Excel 97

SB – 12/3

(Turn over)
(iv) All of the above

(b) Which of the following is not a tool for analyzing spreadsheet data?
   (i)  What-if analysis
   (ii) Mail Merge
   (iii) Goal seeking
   (iv) Sorting

(c) Which one is an e-mail address?
   (i)  http://vianet.com/index.htm
   (ii) D:\Email\Standard
   (iii) joesmart@billme.com
   (iv) Chaminade.org/teachers/mail addresses

(d) In a spreadsheet, a statement that performs a calculation is called a(n):
   (i)  Formula
   (ii) Reference
   (iii) Argument
   (iv) Parameter
(e) The connection between the computers and peripherals is called a:
   (i) Port
   (ii) Bus
   (iii) I/O device
   (iv) None of the above

(f) Baud rate is:
   (i) The difference between the lowest and the highest frequency transmitted
   (ii) Transmission capacity
   (iii) Transmission speed of channel
   (iv) None of the above

(g) Which of the following charts is not likely to be included in an analysis or presentation graphics package?
   (i) Bar
   (ii) Pie
   (iii) Temperature
   (iv) Line

SB – 12/3 (3) (Turn over)
(h) Which one of the following statement is true about Access table?

(i) A database may contain more than one table.

(ii) There can be more than one primary key in an access table.

(iii) A database contains only one table.

(iv) Access table cannot store images.

(i) Which one of the following boxes is not present in the mail window of a website?

(i) To

(ii) CC

(iii) Content

(iv) Subject

(j) The internet is owned by:

(i) The US government

(ii) A consortium of telecommunication companies.

(iii) The IETF

(iv) None of the above
Group – B

Answer any four questions: \[ 15 \times 4 = 60 \]

2. What is the difference between Embedded Charts and Chart Sheet? What are Legends and how to add on the chart?

3. In Excel, we have three functions named a \( \text{ROUND()} \), \( \text{ROUNDDOWN()} \), \( \text{ROUNDUP()} \); how these are different? Explain with examples.

4. What is networking? Give the name of the essential hardware and software used for networking.

5. Explain a typical structure of URL. Also distinguish between internet and World Wide Web.

6. Give the difference between E-Mail and Instant Message. Also explain the various features of each of them.

7. Write step – by – step process to create E-Mail account in MS Outlook Express.

SB – 12/3 (5) (Turn over)
8. List down all the features supported by spread sheet application software.

9. Explain any five of the following functions of MS – Excel with example of each:
   (a) SUM()
   (b) COUNT()
   (c) AVERAGE()
   (d) IF()
   (e) NOW()
   (f) ABS()
   (g) UPPER()
   (h) VAL()

10. There is a table named "PEOPLE" that has four columns: COUNTRY, CONTINENT, AREA and POPULATION. The first two columns are VARCHAR2 types and the last two columns are NUMBER types. Now write the appropriate SQL Queries for the following:
    (a) List the countries that have at least 5,00,000 peoples and show country and population only.

SB – 12/3 (6) Contd.
(b) Identify the countries, which have name including the word "UNITED".

(c) List each country name where the population is larger than "UNITED KINGDOM".

(d) For each continent, show the number of countries with populations of at least 10 million.

(e) List the continents with total populations of at least 100 million.